

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.
12951US01

Applicants: Roger Cayton and Richard W. Brotzman, Jr.)
Title: SUBSTANTIALLY TRANSPARENT,)
ABRASION-RESISTANT FILMS)
CONTAINING SURFACE-TREATED)
NANOCRYSTALLINE PARTICLES)
Serial No: 09/726,686)
Filed: November 29, 2000)

**REVOCATION OF PRIOR POWER OF ATTORNEY,
APPOINTMENT OF NEW ATTORNEYS, AND
NOTICE OF CHANGE OF CORRESPONDENCE ADDRESS**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned, Gina Kritchevsky, an authorized officer of the Nanophase Technologies Corporation which is the owner of the application identified above, hereby revokes any and all previous Powers of Attorney and hereby appoints the following attorneys to prosecute and transact all business in the U.S. Patent and Trademark Office connected with the subject application:

| <u>Name</u> | <u>Reg. No.</u> |
|--------------------|-----------------|
| Annette M. McGarry | 34,671 |
| Judie D. Dziezak | 40,599 |
| Timothy J. Keefer | 35,567 |
| Thomas J. Ring | 29,971 |
| Gary R. Gillen | 35,157 |
| David A. Frey | 43,618 |
| Doug S. Rupert | 44,434 |
| Dennis K. Scheer | 39,356 |
| Mark D. Kelly | 39,467 |
| Susan L. Lukasik | 35,261 |

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practicing with the firm of Wildman, Harrold, Allen & Dixon, 225 West Wacker Drive, Chicago, Illinois 60606-1229.

Please direct all correspondence, telephone calls, faxes, and emails to:

Judie D. Dziezak
Wildman, Harrold, Allen & Dixon
225 West Wacker Drive
Chicago, Illinois 60606-1229

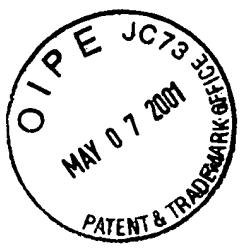
Telephone number, direct: (312)201-2980
Firm's telephone number: (312)201-2000
Fax number: (312)201-2555
Email: dziezak@wildmanharrold.com.

Nanophase Technologies Corporation

By: 
Gina Kritchevsky

Title: Vice President, Technology
and Engineering

Date: 4/13/01



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STATEMENT UNDER 37 CFR 3.73(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Nanophase Technologies Corporation states that it is the Assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors of such patent application. The assignment, a copy of which is enclosed, was mailed to the U.S. Patent and Trademark Office for recording.

The undersigned, Gina Kritchevsky, is an authorized officer of Nanophase Technologies Corporation and is authorized to act on its behalf.

Nanophase Technologies Corporation

Date: 4/13/01

By: 
Gina Kritchevsky

Title: Vice President, Technology
and Engineering

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U.S. DEPARTMENT OF COMMERCE 1/31/92 (modified)
RECORDATION FORM COVER SHEET
PATENTS ONLY

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Roger Cayton,
Richard W. Brotzman, Jr., and
Marc Kullberg

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: January 29, 2001

2. Name and address of receiving party(ies):

Nanophase Technologies Corporation
1319 Marquette Drive
Romeoville, Illinois 60446

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No. 09/726,686

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Thomas J. Wimbiscus
McAndrews, Held & Malloy, Ltd.
500 West Madison Street
34th Floor
Chicago, Illinois 60661

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 13-0017

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature and Registration Number: Thomas J. Wimbiscus 36,059 Date: February 5, 2001

Name of Person Signing: Thomas J. Wimbiscus

Total number of pages including cover sheet, attachments and document: 6

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Box Assignments, Assistant Commissioner for Patents, Washington, D.C. 20231, on this date: February 5, 2001.

By: Thomas J. Wimbiscus

Thomas J. Wimbiscus, Reg. No. 36,059

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ASSIGNMENT
(Joint Inventorship)

Attorney Docket No. 12951US01

Inventor(s): Roger Cayton

Richard W. Brotzman, Jr.

Marc Kullberg

Application Serial No. 09/726,686

Filing Date: November 29, 2000

We, Roger Cayton, a resident of City of Naperville, in the County of DuPage, State of Illinois, and Country of U.S.A.; Richard W. Brotzman, Jr., a resident of the City of Naperville, County of DuPage, State of Illinois, and Country of U.S.A.; and Marc Kullberg, a resident of the Village of Lisle, County of DuPage, State of Illinois, and Country of U.S.A.; have made an invention comprising certain new, useful, and nonobvious improvements in a

**SUBSTANTIALLY TRANSPARENT, ABRASION-RESISTANT
FILMS CONTAINING SURFACE-TREATED
NANOCRYSTALLINE PARTICLES**

Said invention is described or intended to be described and set forth in the patent application presently identified as U.S. Non-Provisional Patent Application Serial No. 09/726,686, filed on November 29, 2000, under Attorney Docket No. 12650US01.

Nanophase Technologies Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having a place of business at Romeoville, Illinois (hereinafter: "said assignee") desires to acquire the entire right, title, and interest in and to said invention, said application, and any Letters Patent which may be granted for said invention, said application, and any and all divisions, continuations, continuations in part, reissues, reexamination certificates, foreign counterparts, and extensions thereof.

We warrant and represent that we conceived said invention, that no one other than the above-mentioned inventors is a joint inventor of said invention, and that we have not assigned or agreed to assign any rights in said invention or said application to anyone other than said assignee or a predecessor in interest to said assignee.

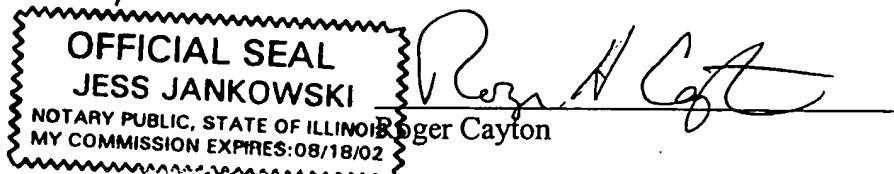
NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to said assignee, its successors and assigns, the entire worldwide right, title, and interest in and to said invention, said application, and any Letters Patent which may be granted for said invention, said application, and any and all divisions, continuations, continuations in part, reissues, reexamination certificates, substitutes, and extensions of said application (each of which is included herein as a part of "said application"), including but not limited to all my United States and other national rights to said invention and said application and all my rights under the Paris Convention for the Protection of Industrial Property and all other applicable treaties or laws in respect to said invention and said application.

We hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for said invention or upon said application to said assignee, its successors and assigns, in accordance with this assignment.

We hereby authorize said assignee to apply for patents on said invention in foreign countries, claiming the filing date of said application under the provisions of the Paris Convention for the Protection of Industrial Property and all other applicable treaties and laws, and we further agree to execute any and all documents that may be required or desired by said assignee in order that said assignee may apply for Letters Patent on said invention in foreign countries in our names or its name.

We hereby agree to promptly communicate to said assignee or its representatives any facts known to us respecting said invention or said application; to testify in any legal proceeding relating thereto; to sign all lawful papers, including but not limited to all divisional, continuing, continuing in part, reissue, substitute, and extension applications, all rightful oaths or declarations, and documents confirming or substituting for this assignment.

SIGNED in the City/Village of Romeoville, in the State of Illinois, this
29th day of January, 2001.



I hereby certify that before me personally appeared Roger Cayton to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that she executed the instrument as her free act and deed on the day and year aforesaid.

SEAL:



SIGNED in the City/Village of Romeoville, in the State of Illinois, this

29 day of Jan, 2001.

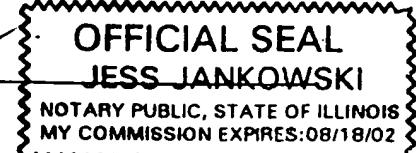


Richard W. Brotzman, Jr.
Richard W. Brotzman, Jr.

I hereby certify that before me personally appeared Richard W. Brotzman, Jr., to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that she executed the instrument as her free act and deed on the day and year aforesaid.

SEAL:

Jm
Notary Public



SIGNED in the City/Village of Romeoville, in the State of Illinois, this

29 day of Jan, 2001.



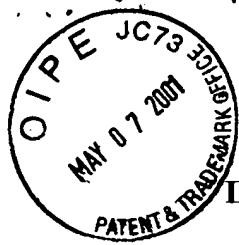
Marc Kullberg
Marc Kullberg

I hereby certify that before me personally appeared Marc Kullberg to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that she executed the instrument as her free act and deed on the day and year aforesaid.

SEAL:

Jm
Notary Public





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In re Application of: Roger Cayton and
Richard W. Brotzman, Jr.

) SUBSTANTIALLY TRANSPARENT,
ABRASION-RESISTANT FILMS
) CONTAINING SURFACE-TREATED
NANOCRYSTALLINE
PARTICLES

Serial No.: 09/726,686

)

Issued: November 29, 2000

)

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please find enclosed the following in the above referenced patent application:

1. Executed Revocation of Prior Power of Attorney, Appointment of New Attorneys, and Notice of Change of Correspondence Address; and
2. Statement under CFR 3.73(b).

Please acknowledge receipt of the above by returning the enclosed stamped, self-addressed receipt postcard.

Please charge any additional fees to Deposit Account No. 23-2126. A duplicate of this transmittal is enclosed.

Respectfully submitted,

By:

Judie D. Dziezak
Judie D. Dziezak, Reg. No. 40,599

Date: May 1, 2001

Wildman, Harrold, Allen & Dixon
225 West Wacker Drive
Chicago, IL 60606
Ph. (312) 201-2000
Fax (312) 201-2555

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited
With the United States Postal Service as first class
Mail in an envelope addressed to the Assistant
Commissioner for Patents, Washington, D.C.
20231 on 5-2-01.

Gail Kaleta

Gail Kaleta

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